

DL5.0

DL5.0 is ideal for residential and small commercial and industrial applications. It has a modular design and supports 50 units in parallel to have a capacity range from 5.12kWh to 256kWh. It uses high-performance LFP batteries, high security and reliability in order to ensure the user's electricity consumption.



Flexible Expansion

Up to 50 units in parallel, 5.12kWh--256kWh capacity



Easy Installation

Supports stacked and rack-mounted installations and also features a high IP55 rated cabinet



Long-term Reliability

LFP cells, 6000+ cycles, 10 years warranty



Battery Equalization

Supports for mixing modules under different SOCs to ensure battery life



1C Discharge

Simultaneously supplying power to multiple loads, no need to worry about power outages



Smart Management

Real-time system monitoring, remote control, OTA updates(optional)

Model	DL5.0
Battery Type	LiFePO ₄
Nominal Battery Energy	5.12kWh
Nomina Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage	44.8~57.6V
Recomended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	50A
Max. Charge Current	75A
Max.Continuous Discharge Current	100A(1C)
Peak Discharge Current	110A(15s)
Depth of Discharge (DOD)	90%
Net Weight	44kg
Dimension[W/D/H] (mm)	481/535/140
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485/RS232
WIFI Module	Optional
Cycle Life *	≥6000 Cycles
Protection Level	IP20
Expansion	Up to 50 units in parallel
Certification & Safety Standard	UN38.3/CE-EMC/EC62619/IEC62040/GOST-R/RoHS
Compatible Inverters	SMA/Schneider/Victron energy/Ingeteam/Solis/GoodWe/Growatt/Soplanet/Luxpower/DEYE etc.

* Test conditions: 0.2C Charging & Discharging. @25°C, 90% DOD

